



CVE-2022-31607

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2022-31607
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-11-19 00:15:00 UTC
Updated	2023-10-15 02:00:00 UTC
Description	NVIDIA GPU Display Driver for Linux contains a vulnerability in the kernel mode layer (nvidia.ko), where a local user with b

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	-	All	All	All
Application	Nvidia	Cloud Gaming Guest	All	All	All	All
Hardware	Nvidia	Geforce	-	All	All	All
Application	Nvidia	Gpu Display Driver	All	All	All	All
Application	Nvidia	Rtx	-	All	All	All
Hardware	Nvidia	Tesla	-	All	All	All

References

Reference	Source	Link	Tags
NVIDIA Drivers: Multiple Vulnerabilities (GLSA 202310-02) — Gentoo security	GENTOO	security.gentoo.org	
Security Bulletin: NVIDIA GPU Display Driver - August 2022 NVIDIA	MISC	nvidia.custhelp.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[180912](#) Debian Security Update for nvidia-graphics-drivers-tesla-460 (CVE-2022-31607)

[198882](#) Ubuntu Security Notification for NVIDIA graphics drivers Vulnerabilities (USN-5547-1)

[710762](#) Gentoo Linux NVIDIA Drivers Multiple Vulnerabilities (GLSA 202310-02)

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